Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1456646

Luminaire Tested: GLAN-SB7D-830-U-T3LG

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1456646
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7D-830-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 7xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(182) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	63403.8 lumens
Efficiency:	N/A
Efficacy:	123.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B4 - U0 - G5

Input Watts (W):	512.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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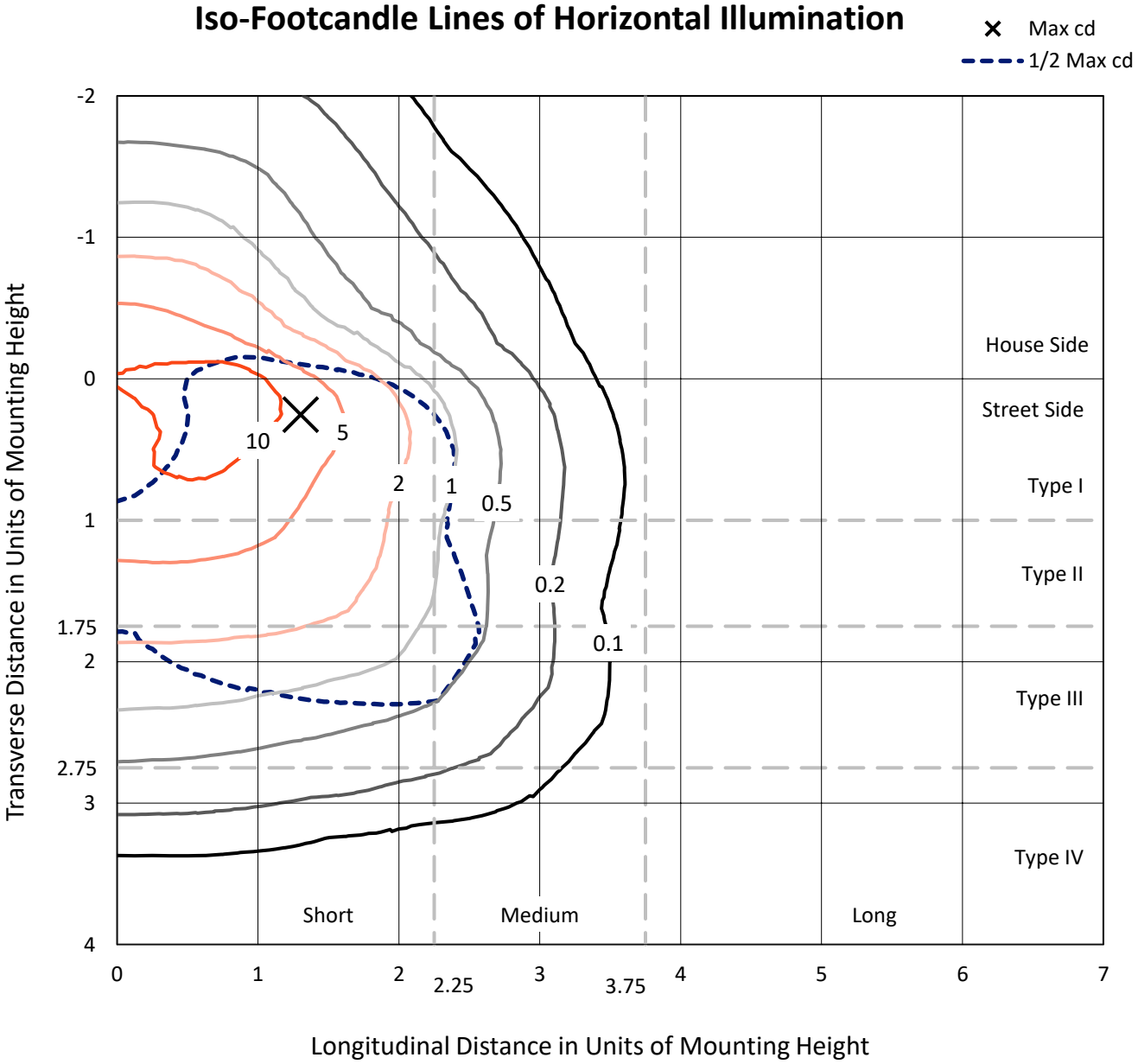
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 16.1 fc
Type III - Short - N/A

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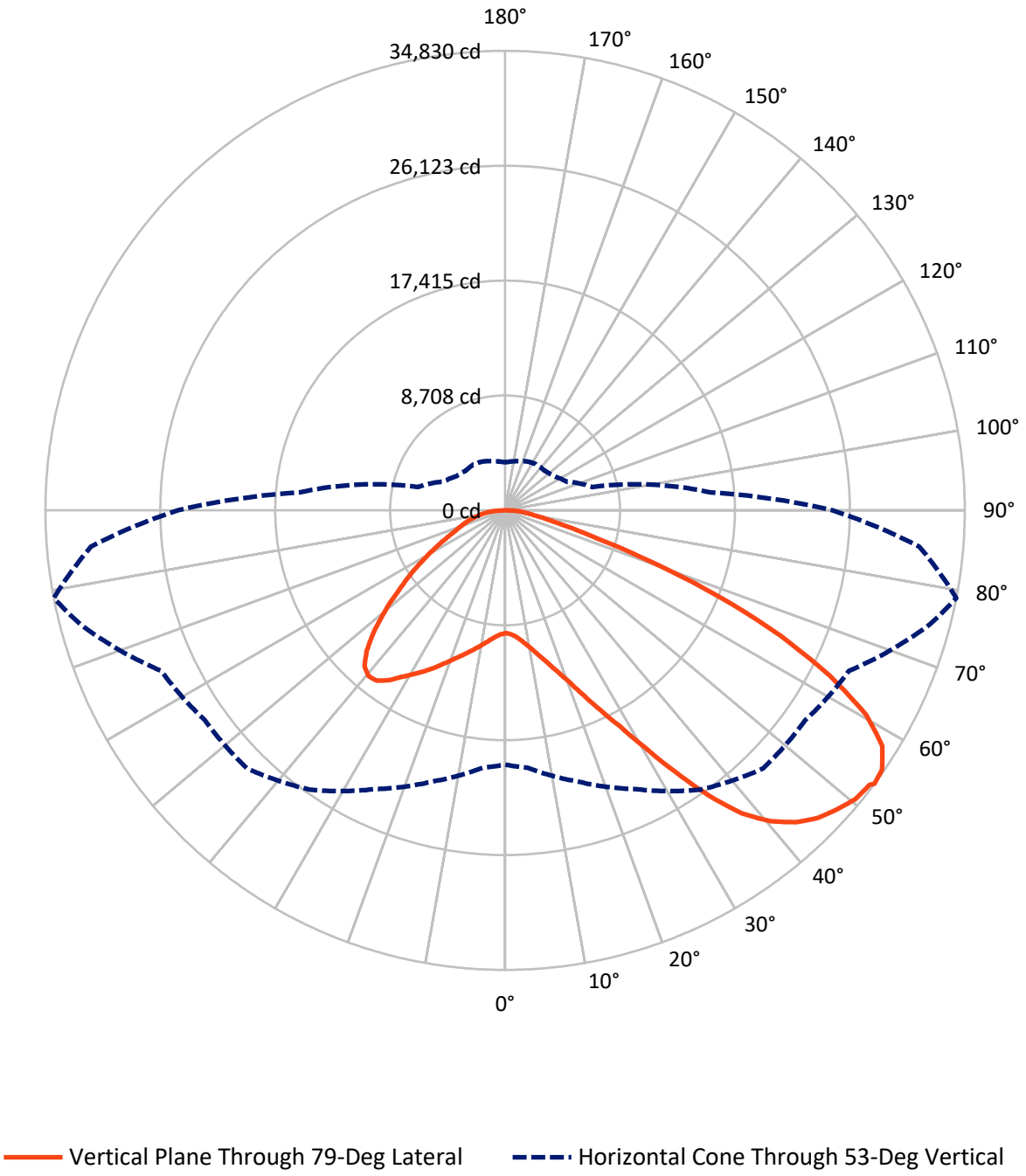
Luminous Intensity Polar Plot



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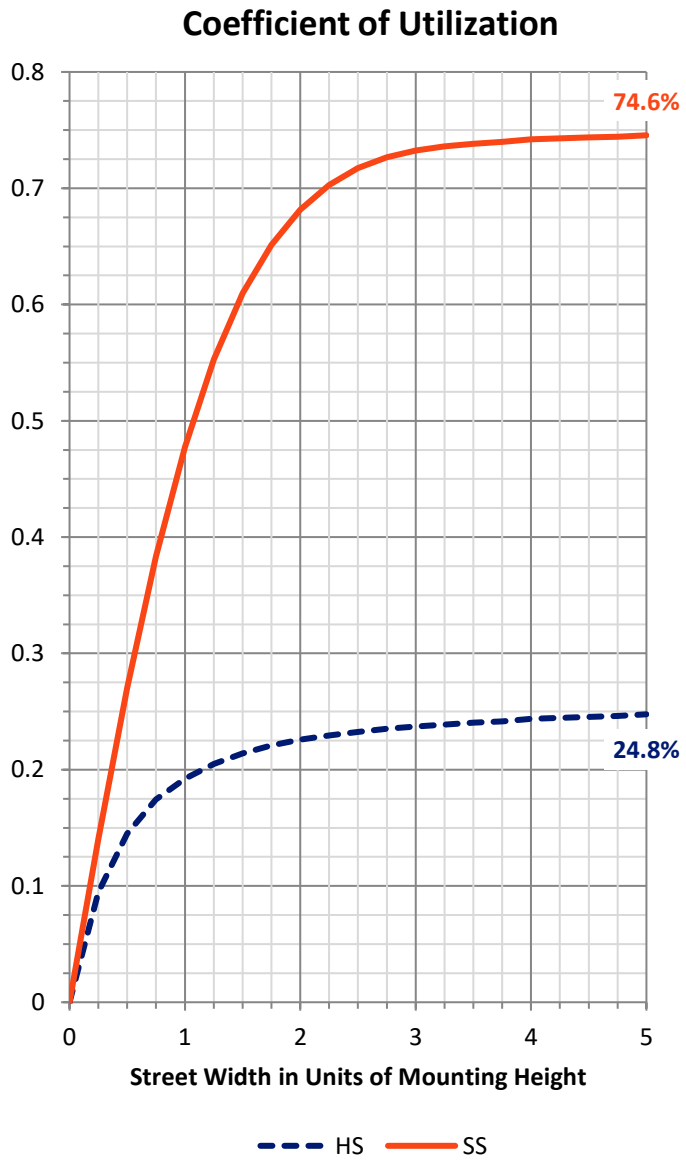
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15983.6	0.0	15983.6
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	47420.2	0.0	47420.2
	% Fixture	74.8	0.0	74.8
Total	Lumens	63403.8	0.0	63403.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	886.9	1.4
10°-20°	2746.4	4.3
20°-30°	5250.9	8.3
30°-40°	9015.3	14.2
40°-50°	12627.7	19.9
50°-60°	14330.8	22.6
60°-70°	12567.2	19.8
70°-80°	4914.0	7.8
80°-90°	1064.7	1.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	63403.8	100.0
0°-180°	63403.8	100.0



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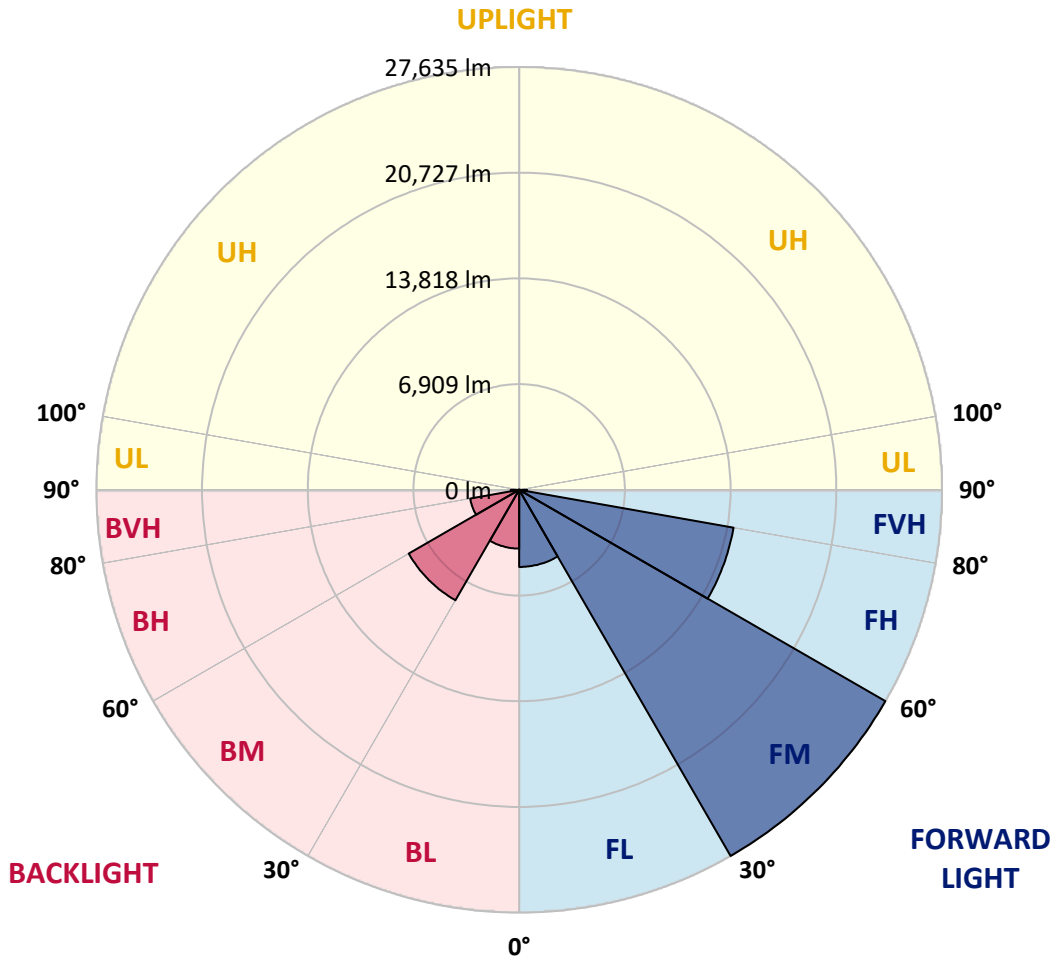
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	5040.0	7.9			
FM	(30°-60°)	27635.5	43.6			
FH	(60°-80°)	14228.3	22.4			G5
FVH	(80°-90°)	516.4	0.8			G4/750
BL	(0°-30°)	3844.1	6.1	B4/5000		
BM	(30°-60°)	8338.3	13.2	B4/8500		
BH	(60°-80°)	3252.9	5.1	B4/5000		G4/5000
BVH	(80°-90°)	548.3	0.9			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type III Short



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REPORT NUMBER: P1456646
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8	*9307.8*	9307.8
2.5°	9322.0	9322.0	9265.5	9322.0	9293.7	9336.1	9364.3	9364.3	9420.8	*9406.7*	9406.7
5°	9166.6	9138.4	9124.2	9223.1	9279.6	9392.6	9519.7	9576.2	9675.1	*9675.1*	9689.2
7.5°	8757.0	8742.9	8813.5	9011.2	9194.8	9477.3	9745.7	9901.1	10056.4	*10084.7*	10084.7
10°	8502.8	8488.6	8573.4	8813.5	9110.1	9519.7	9943.4	10268.3	10522.5	*10593.1*	10593.1
12.5°	8502.8	8502.8	8573.4	8813.5	9124.2	9618.6	10197.7	10748.5	11144.0	*11228.7*	11200.5
15°	8742.9	8728.8	8813.5	9067.7	9364.3	9830.4	10536.6	11271.1	11807.8	*11963.2*	11977.3
17.5°	8997.1	8983.0	9110.1	9435.0	9788.1	10254.2	10974.5	11878.4	12641.2	*12838.9*	12881.3
20°	9392.6	9378.5	9533.8	9844.6	10282.4	10819.1	11567.7	12598.8	13658.1	*13870.0*	13926.5
22.5°	9844.6	9858.7	10028.2	10409.5	10847.4	11553.6	12471.7	13615.7	14886.9	*15211.8*	15268.3
25°	10790.9	10748.5	10889.8	11158.1	11624.2	12471.7	13601.6	14844.5	16355.8	*16751.3*	16821.9
27.5°	12047.9	11977.3	12132.7	12401.0	12740.0	13531.0	14830.4	16214.6	18036.6	*18530.9*	18545.1
30°	13177.9	13135.5	13347.4	13898.2	14251.3	14858.7	16242.8	17824.7	20112.9	*20833.2*	20861.4
32.5°	14152.4	14138.3	14533.8	15240.0	16045.1	16694.8	18036.6	19858.6	22740.0	*23573.3*	23389.7
35°	15084.6	15127.0	15621.4	16355.8	17429.3	18728.7	20084.6	22160.9	25508.3	*26511.1*	26214.5
37.5°	16031.0	16059.2	16708.9	17655.2	18785.2	20480.1	22302.1	24660.8	27909.4	*29152.3*	28502.6
40°	16906.7	16991.4	17867.1	18884.0	20353.0	22076.1	24110.0	26398.1	29759.7	*30988.5*	30282.3
42.5°	17782.4	17909.5	18855.8	20254.1	21821.9	23615.7	25367.1	27457.4	30946.1	*32316.2*	31228.6
45°	18686.3	18771.1	19943.4	21398.2	23177.8	24830.3	26087.4	28135.4	31765.3	*33248.3*	31765.3
47.5°	19293.6	19463.1	20748.4	22429.2	24208.9	25762.5	26666.5	28417.9	32287.9	*33855.7*	31963.0
50°	19533.8	19773.9	21158.0	23022.4	25056.3	26638.2	27118.5	28573.2	32867.0	*34392.4*	31920.7
52.5°	19491.4	19717.4	21228.7	23290.8	25734.3	27443.3	27556.3	28742.7	33276.6	*34576.0*	31553.4
53°	*19265.4*	*19576.1*	*21271.0*	*23304.9*	*25833.1*	*27655.2*	*27754.0*	*28756.9*	*33333.1*	*34830.3*	*31496.9*
55°	18488.6	18658.1	20833.2	23290.8	26299.2	28446.1	28304.9	29180.6	33488.5	*34660.8*	30875.5
57.5°	17782.4	17951.8	19844.5	23022.4	26680.6	29561.9	29194.7	29110.0	32641.0	*33700.3*	29307.7
60°	17330.4	17386.9	18982.9	22175.0	26525.2	30338.8	29773.8	28276.6	30550.6	*31426.3*	26553.5
62.5°	16949.0	16934.9	18347.3	20960.3	25932.0	30451.8	29886.8	26214.5	27485.7	*27626.9*	22881.2
65°	16087.5	15988.6	17358.6	19590.3	24703.2	29943.3	28502.6	23093.1	23417.9	*22951.8*	18375.6
67.5°	14378.4	14166.6	15381.2	17499.9	22203.2	28502.6	25861.4	19463.1	18460.3	*17528.1*	13841.7
70°	10296.5	10296.5	11271.1	13389.7	17824.7	24632.6	22203.2	14731.5	12711.8	*11878.4*	9251.3
72.5°	5042.3	5169.5	6186.4	7909.5	11949.1	17881.2	17005.5	9548.0	7711.8	*7302.2*	5932.2
75°	2146.9	2161.0	2641.2	3502.8	6059.3	10579.0	10649.6	5508.4	4943.5	*4745.7*	3926.5
77.5°	1497.2	1525.4	1737.3	2062.1	2881.3	4858.7	5536.7	3333.3	3319.2	*3177.9*	2796.6
80°	1144.1	1172.3	1313.5	1539.5	1935.0	2485.9	2867.2	2259.9	2372.9	*2231.6*	2019.8
82.5°	861.6	889.8	988.7	1158.2	1384.2	1666.7	1610.2	1666.7	1751.4	*1666.7*	1454.8
85°	579.1	593.2	663.8	805.1	889.8	1002.8	1002.8	1214.7	1271.2	*1242.9*	1144.1
87.5°	296.6	296.6	353.1	423.7	452.0	466.1	409.6	536.7	607.3	*663.8*	536.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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Scaled Data Report

REPORT NUMBER: P1456646
CATALOG NUMBER: GLAN-SB7D-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8	9307.8
2.5°	9406.7	9420.8	9378.5	9364.3	9350.2	9279.6	9279.6	9209.0	9194.8	9209.0	9166.6
5°	9717.4	9689.2	9576.2	9491.5	9392.6	9194.8	9081.9	8926.5	8884.1	8841.7	8799.4
7.5°	10098.8	10056.4	9858.7	9632.7	9364.3	8983.0	8771.1	8516.9	8432.1	8361.5	8333.3
10°	10579.0	10494.3	10183.5	9703.3	9209.0	8742.9	8446.3	8135.5	7994.3	7966.0	7895.4
12.5°	11200.5	11045.1	10466.0	9717.4	9067.7	8460.4	8135.5	7895.4	7838.9	7824.8	7754.2
15°	11892.6	11666.6	10734.4	9731.6	8884.1	8220.3	8022.5	7895.4	7895.4	7881.3	7838.9
17.5°	12740.0	12372.8	10988.6	9675.1	8658.1	8149.7	8050.8	7937.8	7909.5	7923.7	7867.2
20°	13757.0	13149.6	11257.0	9604.5	8559.3	8163.8	8050.8	7895.4	7824.8	7810.7	7768.3
22.5°	14929.3	14039.4	11553.6	9491.5	8559.3	8149.7	7966.0	7754.2	7612.9	7556.4	7499.9
25°	16271.1	15070.5	11864.3	9449.1	8587.5	8093.2	7796.6	7457.6	7231.6	7146.8	7104.5
27.5°	17895.4	16158.1	12090.3	9491.5	8573.4	7966.0	7499.9	7062.1	6807.9	6666.6	6638.4
30°	19689.1	17330.4	12245.7	9562.1	8488.6	7725.9	7146.8	6652.5	6299.4	6129.9	6087.5
32.5°	21807.8	18643.9	12401.0	9562.1	8276.8	7387.0	6737.2	6200.5	5833.3	5635.6	5607.3
35°	24152.4	20254.1	12542.3	9548.0	8022.5	7019.7	6327.6	5776.8	5395.4	5197.7	5183.6
37.5°	26143.9	21468.8	12612.9	9406.7	7669.4	6596.0	5946.3	5395.4	5000.0	4788.1	4774.0
40°	27372.7	21977.2	12471.7	9124.2	7245.7	6158.1	5522.6	5014.1	4618.6	4364.4	4307.9
42.5°	27838.8	21737.1	12019.7	8658.1	6737.2	5720.3	5169.5	4632.7	4110.1	3898.3	3855.9
45°	27683.4	20804.9	11059.2	7994.3	6172.3	5324.8	4858.7	4251.4	3912.4	3728.8	3714.7
47.5°	27160.8	19364.3	9858.7	7161.0	5579.1	4971.7	4449.1	4152.5	3841.8	3644.0	3629.9
50°	26242.8	17824.7	8418.0	6214.6	5042.3	4604.5	4350.3	4110.1	3855.9	3700.5	3672.3
52.5°	25070.4	16087.5	7090.3	5296.6	4576.2	4279.6	4251.4	4081.9	3884.2	3714.7	3644.0
53°	*24802.1*	*15635.5*	*6836.1*	*5141.2*	*4505.6*	*4237.3*	*4223.1*	*4081.9*	*3855.9*	*3700.5*	*3644.0*
55°	23516.8	14237.2	6031.0	4590.4	4152.5	4096.0	4223.1	4067.8	3785.3	3658.2	3615.8
57.5°	21454.6	12401.0	5254.2	4081.9	3785.3	3926.5	4180.8	4011.3	3700.5	3474.6	3403.9
60°	18968.8	10296.5	4661.0	3742.9	3516.9	3714.7	4011.3	3813.5	3389.8	3276.8	3262.7
62.5°	16002.7	8333.3	4209.0	3460.4	3290.9	3488.7	3757.0	3418.1	3107.3	3022.6	2994.3
65°	12499.9	6624.2	3855.9	3248.6	3064.9	3220.3	3403.9	3192.1	2994.3	2923.7	2909.6
67.5°	9293.7	5197.7	3573.4	3064.9	2839.0	2937.8	3149.7	3093.2	2923.7	2881.3	2867.2
70°	6412.4	4223.1	3319.2	2895.5	2556.5	2669.5	2994.3	3036.7	2867.2	2839.0	2824.8
72.5°	4491.5	3573.4	3050.8	2711.8	2330.5	2443.5	2923.7	2923.7	2740.1	2782.5	2754.2
75°	3375.7	3008.5	2740.1	2485.9	2048.0	2217.5	2824.8	2796.6	2613.0	2796.6	2726.0
77.5°	2542.4	2429.4	2372.9	2203.4	1793.8	1963.3	2627.1	2570.6	2330.5	2344.6	2217.5
80°	1850.3	1878.5	2033.9	1878.5	1497.2	1624.3	2217.5	2189.2	1892.6	1949.1	1793.8
82.5°	1327.7	1398.3	1737.3	1511.3	1087.6	1158.2	1525.4	1652.5	1483.0	1398.3	1426.5
85°	1002.8	1045.2	1398.3	1115.8	678.0	762.7	1045.2	1186.4	1158.2	1073.4	1087.6
87.5°	423.7	480.2	649.7	522.6	395.5	395.5	649.7	833.3	748.6	635.6	663.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

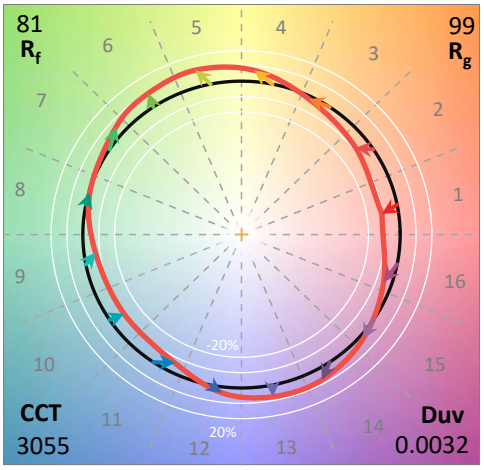
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

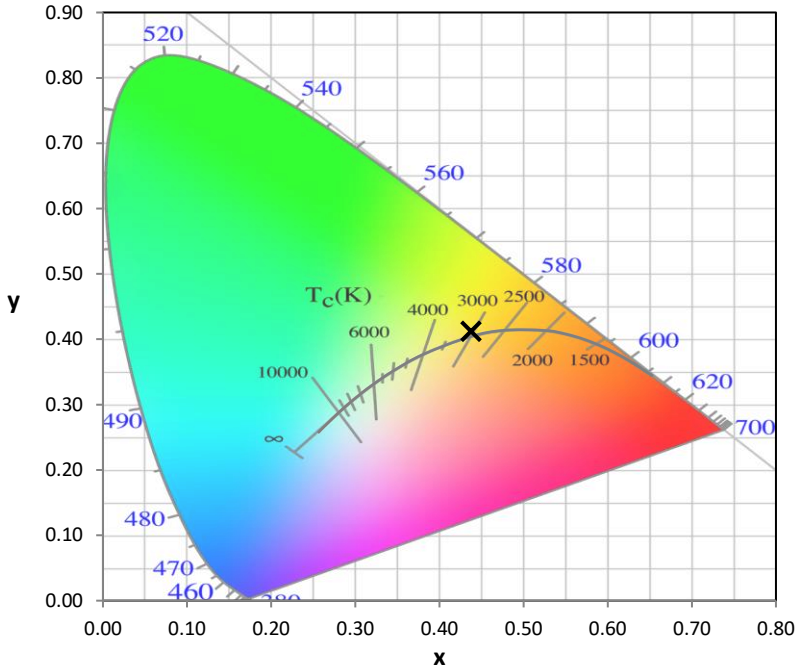
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

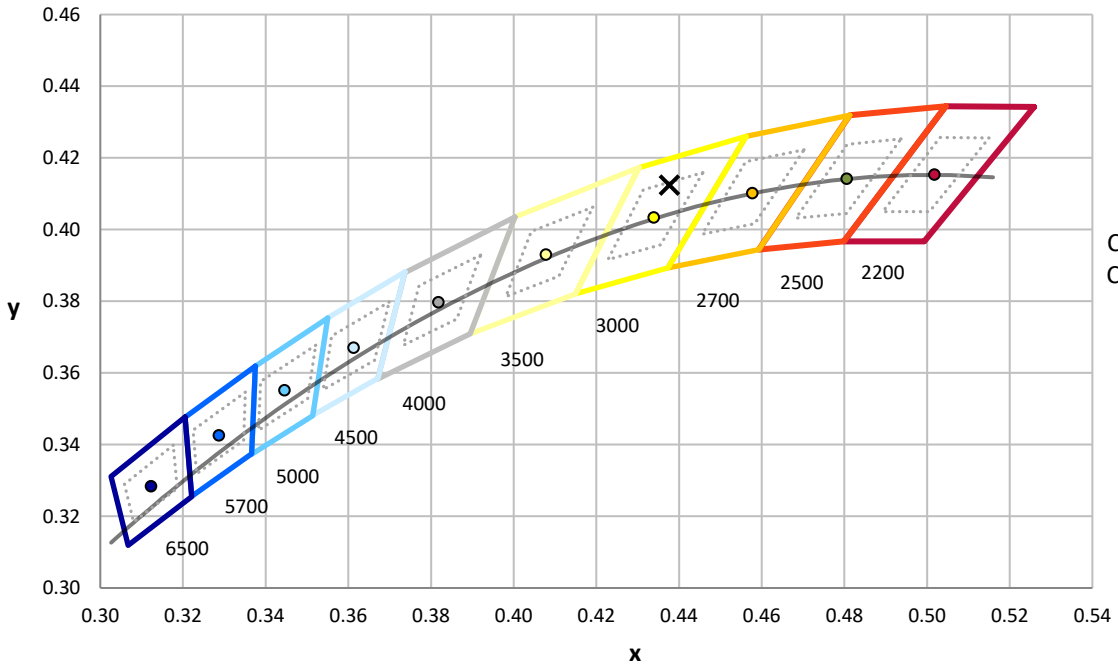
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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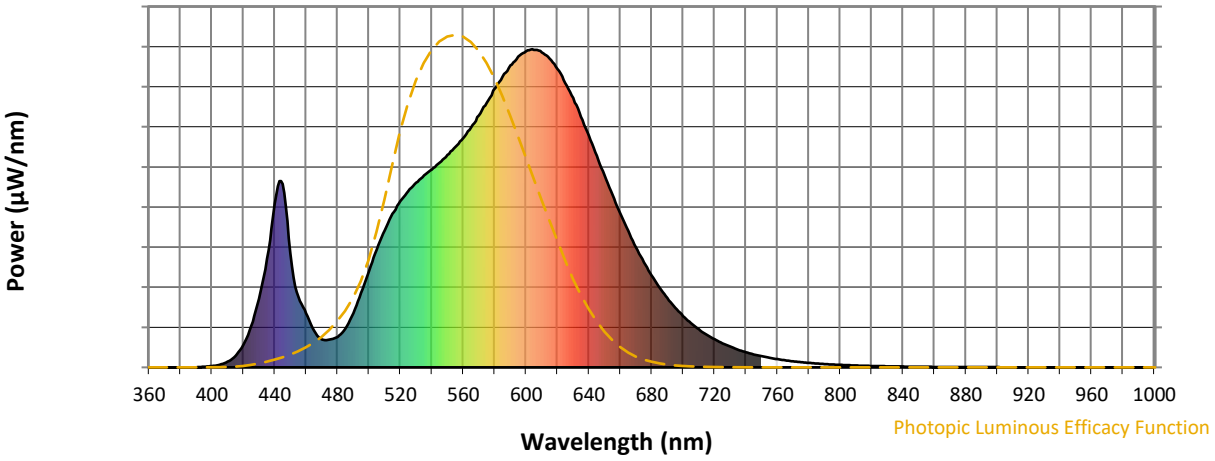
Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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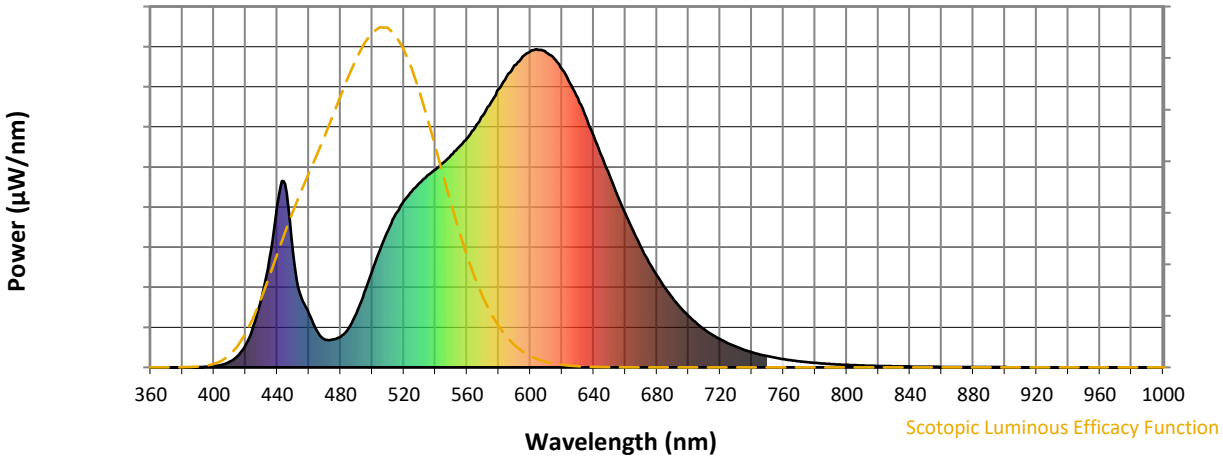
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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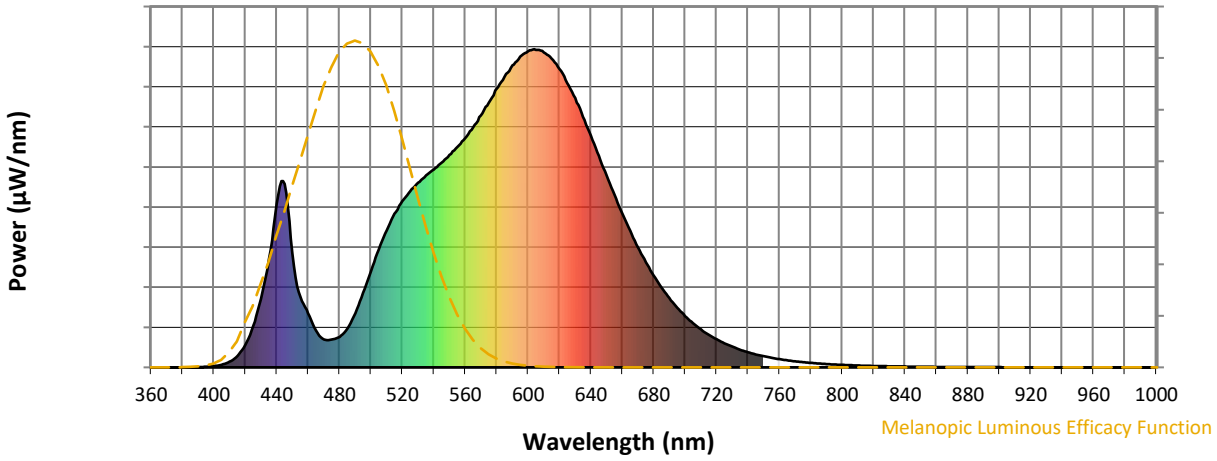
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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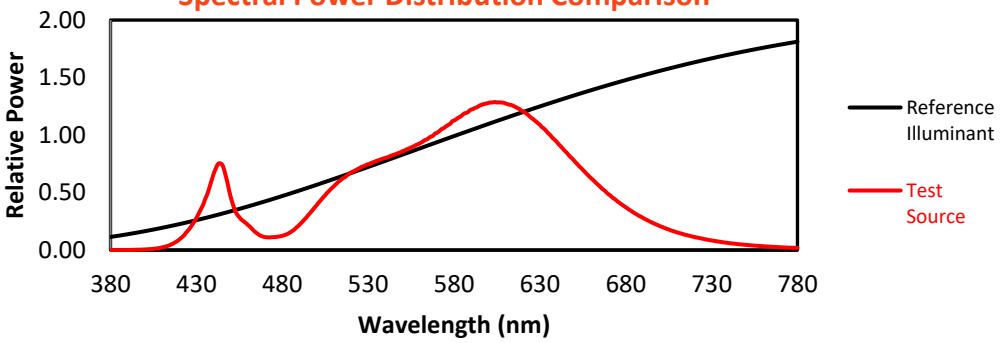
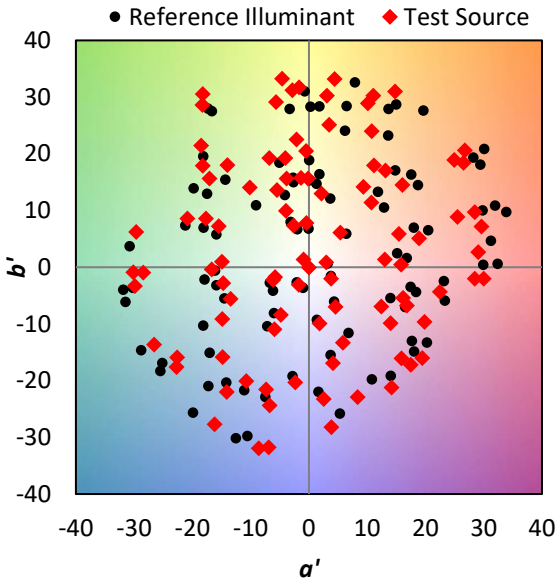
Summary

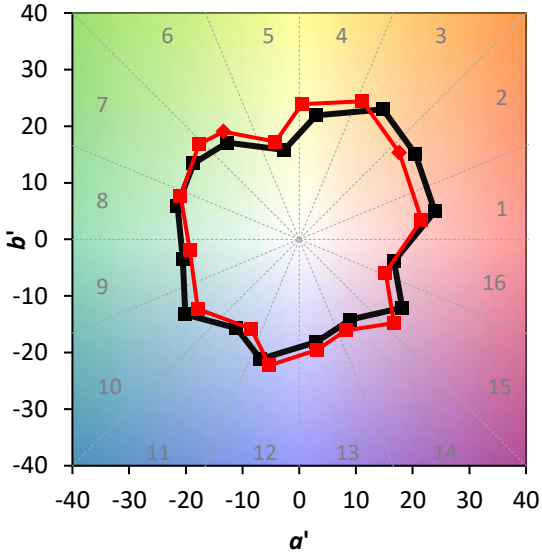
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

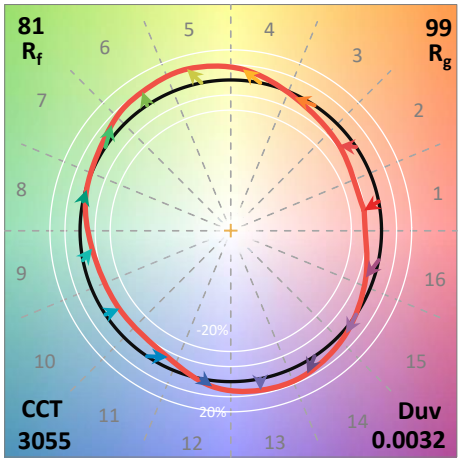
Spectral Power Distribution Comparison

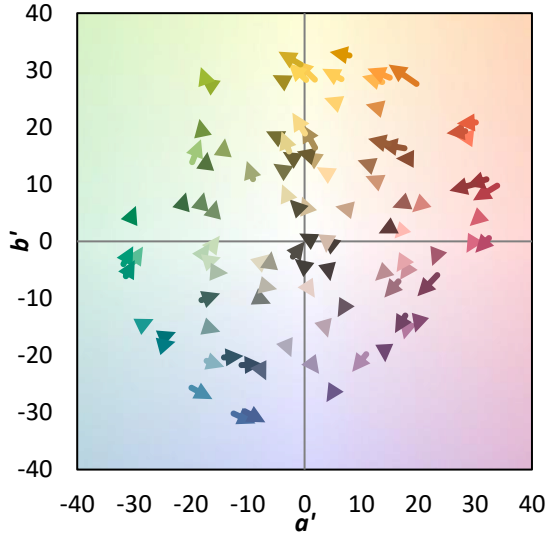


Color Vector Graphics









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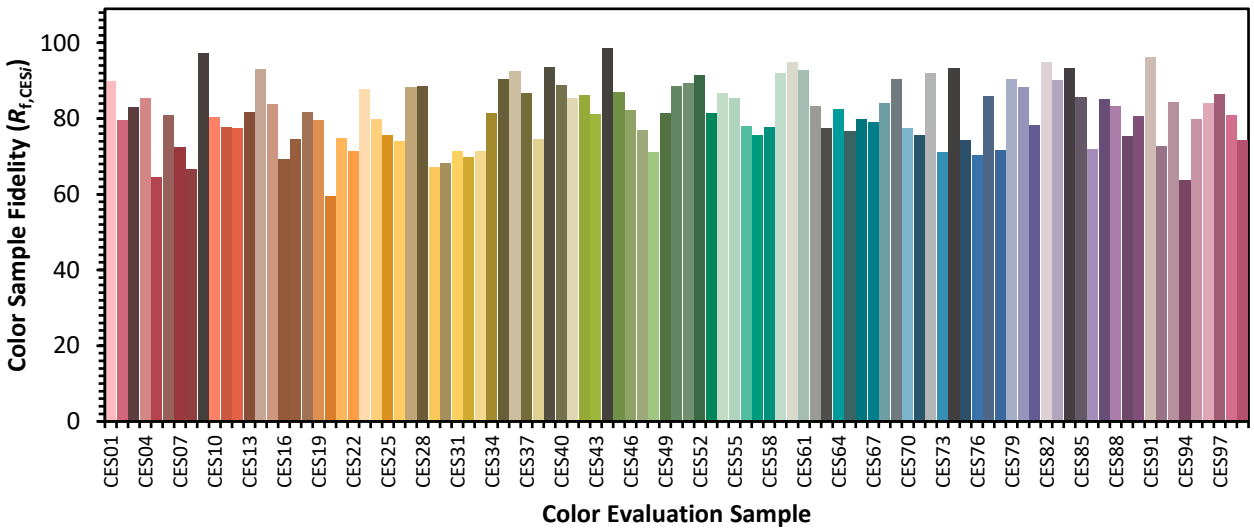
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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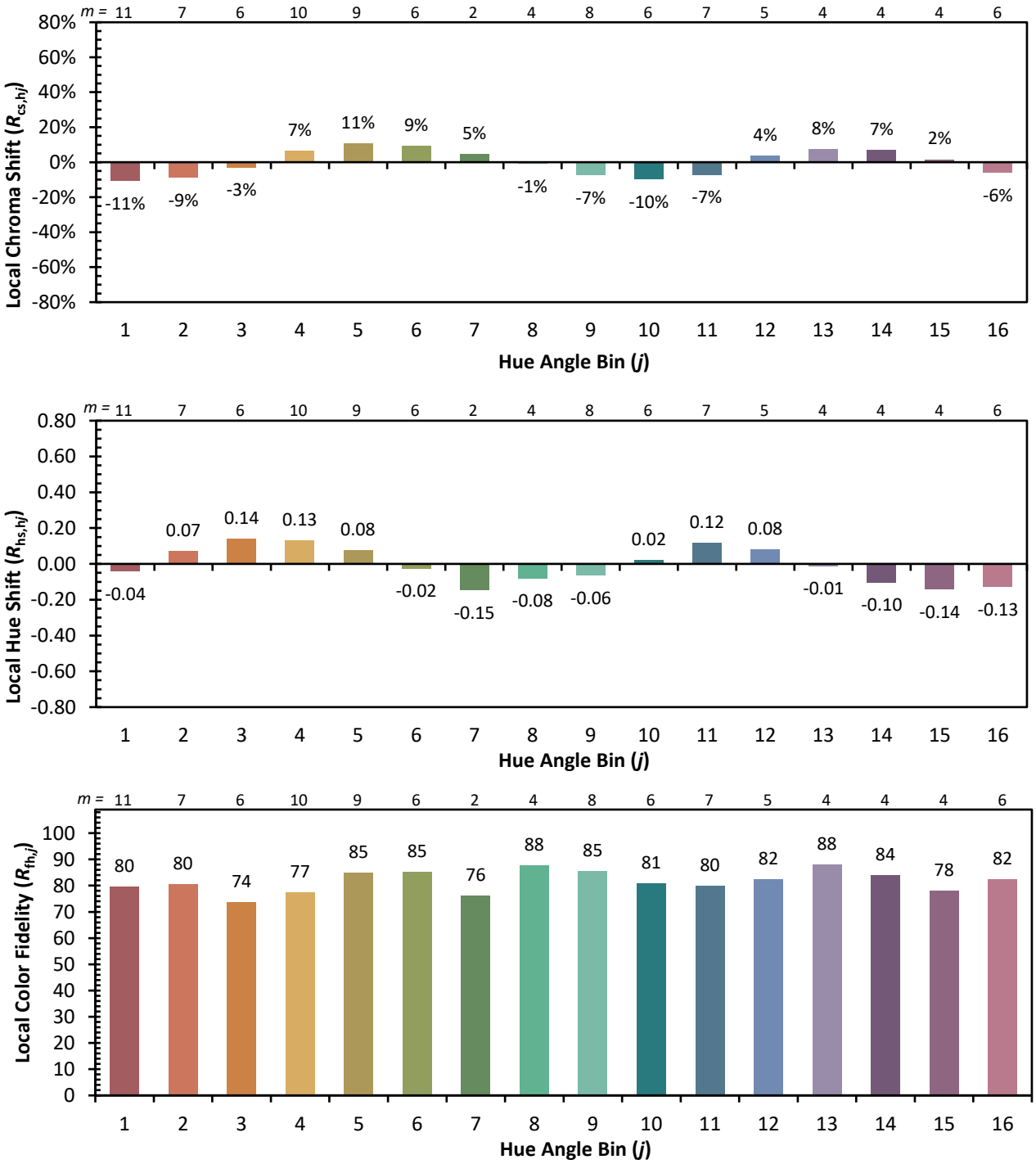
Color Rendition by Hue-Angle Bin



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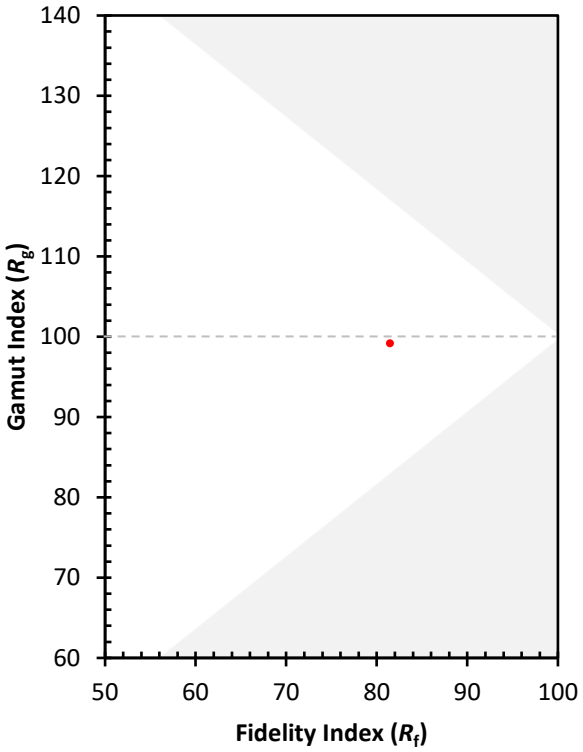
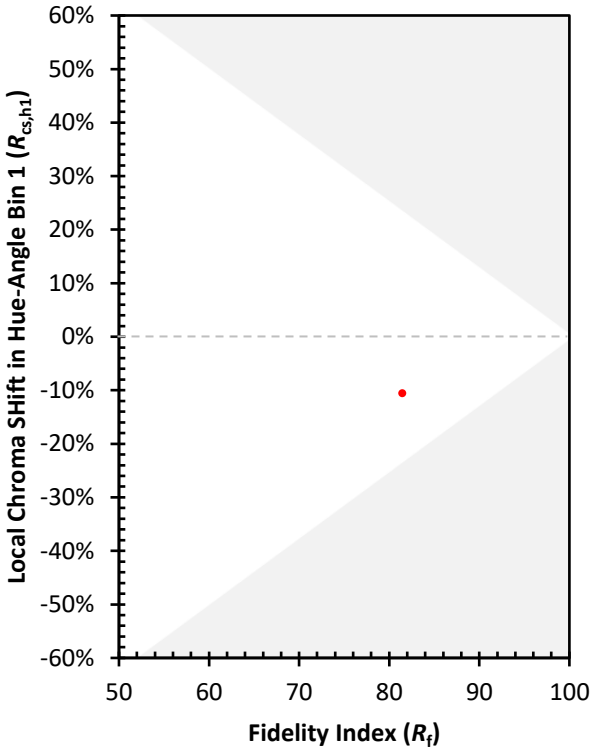
Measure Comparisons





(END OF REPORT)